

Elke Kerstin Fischer

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,794
citations

567281

15
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

1811
citing authors

#	ARTICLE	IF	CITATIONS
1	Microplastic abundance in atmospheric deposition within the Metropolitan area of Hamburg, Germany. <i>Science of the Total Environment</i> , 2019, 685, 96-103.	8.0	475
2	Microplastic pollution in lakes and lake shoreline sediments – A case study on Lake Bolsena and Lake Chiusi (central Italy). <i>Environmental Pollution</i> , 2016, 213, 648-657.	7.5	433
3	Microplastic analysis in the South Funen Archipelago, Baltic Sea, implementing manta trawling and bulk sampling. <i>Marine Pollution Bulletin</i> , 2018, 128, 601-608.	5.0	125
4	Microplastics detected in cirrhotic liver tissue. <i>EBioMedicine</i> , 2022, 82, 104147.	6.1	124
5	Microplastic in beach sediments of the Isle of Rügen (Baltic Sea) - Implementing a novel glass elutriation column. <i>Marine Pollution Bulletin</i> , 2018, 126, 263-274.	5.0	105
6	On the representativeness of pump water samples versus manta sampling in microplastic analysis. <i>Environmental Pollution</i> , 2019, 254, 112970.	7.5	81
7	Various Digestion Protocols Within Microplastic Sample Processing – Evaluating the Resistance of Different Synthetic Polymers and the Efficiency of Biogenic Organic Matter Destruction. <i>Frontiers in Environmental Science</i> , 2020, 8, .	3.3	81
8	Enhanced Weathering and related element fluxes – a cropland mesocosm approach. <i>Biogeosciences</i> , 2020, 17, 103-119.	3.3	68
9	Nile red staining in microplastic analysis – proposal for a reliable and fast identification approach for large microplastics. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 612.	2.7	63
10	Marine litter abundance and distribution on beaches on the Isle of Rügen considering the influence of exposition, morphology and recreational activities. <i>Marine Pollution Bulletin</i> , 2017, 115, 297-306.	5.0	60
11	Transition to agroforestry significantly improves soil quality: A case study in the central mid-hills of Nepal. <i>Agriculture, Ecosystems and Environment</i> , 2015, 205, 57-69.	5.3	51
12	Microplastics in a deep, dimictic lake of the North German Plain with special regard to vertical distribution patterns. <i>Environmental Pollution</i> , 2020, 267, 115507.	7.5	35
13	Microplastics in lakeshore and lakebed sediments – External influences and temporal and spatial variabilities of concentrations. <i>Environmental Research</i> , 2021, 197, 111141.	7.5	32
14	Evaluation and optimisation of sample preparation protocols suitable for the analysis of plastic particles present in seafood. <i>Food Control</i> , 2021, 125, 107969.	5.5	21
15	Anthropogenic litter in freshwater environments – Study on lake beaches evaluating marine guidelines and aerial imaging. <i>Environmental Research</i> , 2020, 189, 109945.	7.5	19
16	Microplastic concentrations, characteristics, and fluxes in water bodies of the Tollense catchment, Germany, with regard to different sampling systems. <i>Environmental Science and Pollution Research</i> , 2022, 29, 11345-11358.	5.3	12
17	Handle with Care – Microplastic Particles in Intestine Samples of Seals from German Waters. <i>Sustainability</i> , 2020, 12, 10424.	3.2	9